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DETAILED DESCRIPTION

According to Figure 1 this device consists of a bottom or base section ~~(~~100~~)~~, a clamp ~~(~~200~~)~~, a spindle 300, which is threaded on both ends ~~(~~300~~)~~, a spring ~~(~~400~~)~~ and a T handle ~~(~~500~~)~~. The bottom section ~~(~~100~~)~~ is approximately 11 ¾" inches long by one-half inch thick. The bottom section has a width of approximately 4 3/8" inches. Figure 8 is an exploded view of the device and shows the recessed grooves ~~(~~220~~)~~ on the underside of the clamp ~~(~~200~~)~~.

In the center of the base section there is a tapped and threaded hole 600, which is approximately one-half inch in diameter ~~(~~600~~)~~ (Figure 1).

One end of the threaded spindle ~~(~~300~~)~~, is screwed into the hole ~~(~~600~~)~~ on the bottom section. The spindle ~~(~~300~~)~~ extends through a hole in the center of the clamp ~~(~~200~~)~~ and through a hole in the center ~~(~~510~~)~~ of the T handle ~~(~~300~~)~~. It is secured in place by a hex nut ~~(~~700~~)~~.

On the top of the bottom or base section ~~(~~600~~)~~ two recessed concentric circles, ~~(~~800 and 900~~)~~, are formed on the top surface of the base section. These concentric circles allow a quart and pint jar to be securely positioned in the device. According to Figure 1, a pint size and quart size can have been drawn to demonstrate the placement within the recessed concentric circles.

The recessed concentric circles ~~(~~800, 900~~)~~ are slightly greater than the diameter of the bottom of each of the size cans

so that the cans will fit securely in the respective recessed concentric circle on the top surface of the base section of the device. The concentric circles are recessed to a depth of .187 inches for the quart size and .375 inches for the pint size can.

The indented circle to secure the pint size can 800 is indented to a greater depth so that the bottom of the pint size can will rest flush against the top surface of the base. The indented circle to secure the quart size can 900 is indented to a lesser depth so that the bottom of the quart size can will rest on the top surface of the base. This arrangement of one circle within another gives the appearance of concentric circles, which are offset from each other.

There are two sets of identical recessed concentric circles on each side of the base section as depicted in Figure 1 and are equally spaced from the midpoint of the base section. Figure 6 shows a pint size can in place and the recessed ring for the quart size can.

A spindle 300, which is secured in the hole at the bottom of the base section as depicted in Figure 1 ~~(600)~~ is inserted into the hole ~~(600)~~ which has been tapped and threaded in the center of the base section and the spindle is secured at the top by a hex nut ~~(700)~~. The spindle is approximately 8 ½" inches long and is threaded at both ends.

The device may be made from a variety of materials, but stainless steel is preferable because it is non-corrosive and

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durable. It may also be made from aluminum or molded plastic depending on the specific needs of a job.

The spindle is screwed into the hole (600) in the middle of the base section and is inserted through the hole in the center of the clamp (200) and through the hole in the center of the T handle (500). A spring (400) is inserted over the spindle and is positioned between the top surface of the clamp and the bottom surface of the T handle.

The T-shaped handle (500) is approximately 5" inches in length. This will allow the tradesman to pick up this device with one hand.

Between the T-handle and the base section there is a clamp (200) (Figure 1). A hole in the middle of the clamp allows the spindle to pass through the center of the clamp. The hole in the middle of the clamp is approximately one-half inch in diameter. The spindle is inserted through the middle of the clamp. The clamp freely moves up and down in a vertical fashion once the device is assembled. The clamp is approximately 2 3/16 inches in length. The clamp is equipped with one inch (210) rods, which are inserted into a hole, which has been tapped and threaded on each side of the clamp. A lock nut (215) secures the rods (210) in place. These rods allow the tradesman to pull the clamp up and remove the can(s) easily. The rods (210) extend approximately one inch from the sides of the clamp and are perpendicular to the sides of the clamp.

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On the bottom surface of the clamp (200) recessed groves (220) have been placed on the underside of the clamp (Figure 8). The recessed curved grooves have the following approximate dimensions: 3/16 width, 3/16 diameter with a 1-inch radius. They are approximately 1 3/8 inches apart on the underside of the clamp.

The purpose of the recessed grooves (200) is to allow this device to be clamped to the top lid of the can so that the cans are held securely in place by the downward pressure, which is exerted by the spring (400).

Between the top of the clamp (200) and the underside of the T-handle, a compression spring (400) is placed to force the clamp on the top of the cans (Figure 1). Without this spring the cans would not remain in place.

The specifics of the compression spring are not relevant to this particular patent; however there must be sufficient downward pressure on the cans to ensure a tight and secure placement of the cans in the device.

It is contemplated that this device will be made from durable, non-corrosive materials including but not limited to stainless steel, aluminum and molded plastic.